## WATER RESOURCES IN MOROCCO

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Population of over 33 million and an area of 710 850 Km<sup>2</sup>.

Morocco's economy is considered a relatively liberal economy, based on agriculture, tourism, mining and services sector.



#### **REGIONAL CONTEXT**

The natural water resources in Morocco are among the lowest in world potent is estimated ditentively involve provide in times provery, include in times on thin / crossession and the addition involve provide provide in times on the space. Due to its geographical position, Morocco is of the sacres prove by are invalue with the contrasting an area covering 7% of the analytic provide by a highly irregular in space and time.



### POTENTIAL AND STATE OF WATER RESOURCES



Aware of the strategic issues related to water sector, Morroco has implemented a strategy based on the development of water resources, by:

> Construction of large dams and water transfer structures.

> Development of technical skills and applied scientific research.

>A long-term planning for a long-term visibility (20 to 30 years).

>Developed regulatory and institutional framework.



This policy helped to develop important Hydraulic infrastructure: **128 large dams** with a capacity of 18 billion cubic meter







### **MAJOR STRATEGY**



### 1- Management of water demand and water efficiency

> Economics of 2.5 billion m3/year



### 2- Management and development of the supply

### > Mobilization of 2.5 billion m3/year



**3- Preservation and protection of resources** 

The groundwater resources: strategic reserves

Protection of the quality of water

4- Reducing vulnerability related to climate change

Improved protection against flooding

Fight against the effects of drought

5- Ongoing regulatory reforms and institutional

Review of the law 10-95 and its implementing regulations, in order to enrich and adapt them to new requirements for the development of water resources.

6-Modernization of IS and capacity building

Development of applied scientific research Capacity building and training Development of information systems

## Conclusion

## WATER IN MOROCCO

### Many accomplishments and achievements

## But also, more CONSTRAINTS AND CHALLENGES



#### EBS daily evapotranspiration for the Om Er Rabia basi



□nov-00 □mars-01 □juil-01

### GEODATABASE >>>> information system



# THANK YOU

